

Author Index

- Abbaspour, A.
—, Izadyar, A. and Sharghi, H.
Carbon composition PVC based membrane in a highly selective and sensitive coated wire electrode for silver ion 91
- Aguinaga, N., see Campillo, N. 273
- Ahmed, M., see Saeed, M.M. 289
- Albero, M.I., see Ortuño, J.A. 231
- Anderson, G.P., see Charles, P.T. 199
- Bajpai, R.P., see Dimri, A.K. 299
- Benedetti, S., see Buratti, S. 133
- Brimmer, S.P., see Li, F. 141
- Brusseau, M.L., see Dorn, J.G. 63
- Buratti, S.
—, Benedetti, S., Scampicchio, M. and Pangerod, E.C.
Characterization and classification of Italian Barbera wines by using an electronic nose and an amperometric electronic tongue 133
- Busch, K.W.
—, Swamidoss, I.M., Fakayode, S.O. and Busch, M.A.
Determination of the enantiomeric composition of some molecules of pharmaceutical interest by chemometric analysis of the UV spectra of cyclodextrin guest–host complexes 53
- Busch, M.A., see Busch, K.W. 53
- Campillo, N.
—, Aguinaga, N., Viñas, P., López-García, I. and Hernández-Córdoba, M.
Speciation of organotin compounds in waters and marine sediments using purge-and-trap capillary gas chromatography with atomic emission detection 273
- Chan, W.H., see Yang, R.H. 97
- Charles, P.T.
—, Rangasamy, J.G., Anderson, G.P., Romanoski, T.C. and Kusterbeck, A.W.
Microcapillary reversed-displacement immunosensor for trace level detection of TNT in seawater 199
- Chen, C.-C., see Kou, H.-S. 23
- Chen, H.L., see Cheng, Y.Q. 239
- Chen, X.G., see Cheng, Y.Q. 239
- Cheng, Y.Q.
—, Chen, H.L., Fan, L.Y., Chen, X.G. and Hu, Z.D.
On-line conversion and determination of artemisinin and its kinetic parameters using orthogonal design by coupling of flow injection with capillary electrophoresis 239
- Csőregi, E., see Gáspár, S. 75
- Delvaux, M.
—, Walcarus, A. and Demoustier-Champagne, S.
Electrocatalytic H₂O₂ amperometric detection using gold nanotube electrode ensembles 221
- Demoustier-Champagne, S., see Delvaux, M. 221
- Dimri, A.K.
—, Paul, A.K. and Bajpai, R.P.
Design and characterization of a direct current glow discharge lamp for analytical applications 299
- Diniz, M.C.T.
—, Filho, O.F. and Rohwedder, J.J.R.
An automated system for liquid–liquid extraction based on a new microbatch extraction chamber with on-line detection. Preconcentration and determination of Copper(II) 281
- Dorn, J.G.
—, Mahal, M.K., Brusseau, M.L. and Maier, R.M.
Employing a novel fiber optic detection system to monitor the dynamics of in situ *lux* bioreporter activity in porous media: system performance update 63
- El-Essawi, M.M., see Mahmoud, M.E. 123
- Espinosa, A., see Ortuño, J.A. 231
- Esteban-Diez, I.
—, González-Sáiz, J.M. and Pizarro, C.
Prediction of sensory properties of espresso from roasted coffee samples by near-infrared spectroscopy 171
- Expósito, R., see Ortuño, J.A. 231
- Fakayode, S.O., see Busch, K.W. 53
- Fan, B.-T., see Liu, H.-X. 31
- Fan, L.Y., see Cheng, Y.Q. 239
- Fathalla, E.M.I., see Mahmoud, M.E. 123
- Filho, O.F., see Diniz, M.C.T. 281
- Galceran, M.T., see Núñez, O. 183
- García-Olmo, J., see Ruiz-Jiménez, J. 159
- González-Sáiz, J.M., see Esteban-Diez, I. 171
- Gáspár, S.
—, Wang, X., Suzuki, H. and Csőregi, E.
Amperometric biosensor-based flow-through microdetector for microdialysis applications 75
- Gu, T.
— and Hasebe, Y.
Peroxidase and methylene blue-incorporated double stranded DNA–polyamine complex membrane for electrochemical sensing of hydrogen peroxide 191
- Guo, C., see Shen, D. 205
- Harada, M., see Nagasaka, S. 115
- Hasebe, Y., see Gu, T. 191
- Hauser, P.C., see Wan, Q.J. 11
- Hernández-Córdoba, M., see Campillo, N. 273
- Hu, Z.D., see Cheng, Y.Q. 239
- Hu, Z.-D., see Liu, H.-X. 31
- Huang, Y.-H., see Kou, H.-S. 23
- Izadyar, A., see Abbaspour, A. 91
- Jelínek, I., see Novotný, M. 17
- Jung, H.S., see Kim, J.M. 151
- Kaličanin, B.M.
—, Nikolić, R.S. and Marjanović, N.J.
Application of potentiometric stripping analysis with constant inverse current for determining soluble lead in human teeth 111

- Kang, Q., see Shen, D. 205
- Karlíček, R., see Kavalířová, A. 43
- Kavalířová, A.
—, Pospíšilová, M. and Karlíček, R.
Enantiomeric analysis of rivastigmine in pharmaceuticals by cyclodextrin-modified capillary zone electrophoresis 43
- Kawai, T., see Kim, J.M. 151
- Kholeif, S.A., see Mahmoud, M.E. 123
- Kim, J.M.
—, Jung, H.S., Park, J.W., Lee, H.Y. and Kawai, T.
AFM phase lag mapping for protein-DNA oligonucleotide complexes 151
- Ko, W.-K., see Kou, H.-S. 23
- Kou, H.-S.
—, Chen, C.-C., Huang, Y.-H., Ko, W.-K., Wu, H.-L. and Wu, S.-M.
Method for simultaneous determination of eight cyclic antidepressants by cyclodextrin-modified capillary zone electrophoresis: applications in pharmaceuticals 23
- Kubáň, P., see Wan, Q.J. 11
- Kusterbeck, A.W., see Charles, P.T. 199
- Lan, J., see Shen, D. 205
- Lee, H.Y., see Kim, J.M. 151
- Li, F.
— and Brimmer, S.P.
Initial study of a combustion-mass spectrometric system for organic microanalysis 141
- Li, K.A., see Yang, R.H. 97
- Liu, F., see Yang, R.H. 97
- Liu, H.-X.
—, Zhang, R.-S., Yao, X.-J., Liu, M.-C., Hu, Z.-D. and Fan, B.-T.
Prediction of electrophoretic mobility of substituted aromatic acids in different aqueous-alcoholic solvents by capillary zone electrophoresis based on support vector machine 31
- Liu, M.-C., see Liu, H.-X. 31
- liu, Y., see Yang, Y. 213
- Lizondo-Sabater, J., see Seguí, M.J. 83
- López-García, I., see Campillo, N. 273
- Luque de Castro, M., see Ruiz-Jiménez, J. 159
- Maftouh, M., see Matthijs, N. 247
- Mahal, M.K., see Dorn, J.G. 63
- Mahmoud, M.E.
—, El-Essawi, M.M., Kholeif, S.A. and Fathalla, E.M.I.
Aspects of surface modification, structure characterization, thermal stability and metal selectivity properties of silica gel phases-immobilized-amine derivatives 123
- Maier, R.M., see Dorn, J.G. 63
- Marjanović, N.J., see Kaličanin, B.M. 111
- Martínez-Máñez, R., see Seguí, M.J. 83
- Massart, D.L., see Matthijs, N. 247
- Matthijs, N.
—, Van Hemelryck, S., Maftouh, M., Massart, D.L. and Vander Heyden, Y.
Electrophoretic separation strategy for chiral pharmaceuticals using highly-sulfated and neutral cyclodextrins based dual selector systems 247
- Moyano, E., see Núñez, O. 183
- Nagasaka, S.
—, Harada, M. and Okada, T.
Electrochemically induced mass exchange between electrolyte and Fe(bpy)₃²⁺-impregnated Nafion membrane 115
- Nakamura, T., see Ren, J. 105
- Nikolić, R.S., see Kaličanin, B.M. 111
- Novotný, M.
—, Opekar, F., Jelínek, I. and Štulík, K.
Improved dual photometric-contactless conductometric detector for capillary electrophoresis 17
- Núñez, O.
—, Moyano, E. and Galceran, M.T.
Time-of-flight high resolution versus triple quadrupole tandem mass spectrometry for the analysis of quaternary ammonium herbicides in drinking water 183
- Okada, T., see Nagasaka, S. 115
- Opekar, F., see Novotný, M. 17
- Ortuño, J.A.
—, Expósito, R., Sánchez-Pedreño, C., Albero, M.I. and Espinosa, A.
A nitrate-selective electrode based on a tris(2-aminoethyl)amine triamide derivative receptor 231
- Pangerod, E.C., see Buratti, S. 133
- Pardo, T., see Seguí, M.J. 83
- Park, J.W., see Kim, J.M. 151
- Paul, A.K., see Dimri, A.K. 299
- Pizarro, C., see Esteban-Díez, I. 171
- Pospíšilová, M., see Kavalířová, A. 43
- Priego-Capote, F., see Ruiz-Jiménez, J. 159
- Rainelli, A., see Wan, Q.J. 11
- Rangasamy, J.G., see Charles, P.T. 199
- Redigolo, H., see Zougagh, M. 265
- Ren, J.
—, Watanabe, H., Yamamura, S. and Nakamura, T.
Selective response mechanism of a platinum disk electrode modified with polyacrylamide membrane conjugated with gallium(III) phthalocyaninate 105
- Rohwedder, J.J.R., see Diniz, M.C.T. 281
- Romanoski, T.C., see Charles, P.T. 199
- Ríos, A., see Zougagh, M. 265
- Ruiz-Jiménez, J.
—, Priego-Capote, F., García-Olmo, J. and Luque de Castro, M.D.
Use of chemometrics and mid infrared spectroscopy for the selection of extraction alternatives to reference analytical methods for total fat isolation 159
- Saeed, M.M.
— and Ahmed, M.
Retention, kinetics and thermodynamics profile of cadmium adsorption from iodide medium onto polyurethane foam and its separation from zinc bulk 289
- Sancción, F., see Seguí, M.J. 83
- Scampicchio, M., see Buratti, S. 133
- Seguí, M.J.
—, Lizondo-Sabater, J., Martínez-Máñez, R., Pardo, T., Sancción, F. and Soto, J.
Ion-selective electrodes for anionic surfactants using a new aza-oxa-cycloalkane as active ionophore 83
- Sharghi, H., see Abbaspour, A. 91
- Shen, D.
—, Kang, Q., Zhang, P., Guo, C. and Lan, J.
Frequency response to liquid density of a piezoelectric quartz crystal sensor with longitudinal wave 205
- Shen, G., see Yang, Y. 213
- Sánchez-Pedreño, C., see Ortuño, J.A. 231
- Soto, J., see Seguí, M.J. 83
- Štulík, K., see Novotný, M. 17
- Suzuki, H., see Gáspár, S. 75
- Swamidoss, I.M., see Busch, K.W. 53
- Tang, B.
—, Zhang, H. and Wang, Y.
On-line separation, preconcentration and determination of trace amounts of gold in mineral sample by flow injection catalytic kinetic spectrofluorimetry 305

- Tanyanyiwa, J., see Wan, Q.J. 11
- Valcárcel, M., see Zougagh, M. 265
- Van Hemelryck, S., see Matthijs, N. 247
- Vander Heyden, Y., see Matthijs, N. 247
- Viñas, P., see Campillo, N. 273
- Walcarius, A., see Delvaux, M. 221
- Wan, Q.J.
—, Kubán, P., Tanyanyiwa, J., Rainelli, A. and Hauser, P.C.
Determination of major inorganic ions in blood serum and urine by capillary electrophoresis with contactless conductivity detection 11
- Wang, C.
—, Xie, S., Yang, J., Yang, Q. and Xu, G.
Structural identification of human blood phospholipids using liquid chromatography/quadrupole-linear ion trap mass spectrometry 1
- Wang, X., see Gáspár, S. 75
- Wang, Y., see Tang, B. 305
- Watanabe, H., see Ren, J. 105
- Wu, H.-L., see Kou, H.-S. 23
- Wu, S.-M., see Kou, H.-S. 23
- Xie, S., see Wang, C. 1
- Xu, G., see Wang, C. 1
- Yamamura, S., see Ren, J. 105
- Yang, H., see Yang, Y. 213
- Yang, J., see Wang, C. 1
- Yang, M., see Yang, Y. 213
- Yang, Q., see Wang, C. 1
- Yang, R.H.
—, Zhang, Y., Li, K.A., Liu, F. and Chan, W.H.
Fluorescent ratioable recognition of Cu^{2+} in water using a pyrene-attached macrocycle/ γ -cyclodextrin complex 97
- Yang, Y.
—, Yang, H., Yang, M., Liu, Y., Shen, G. and Yu, R.
Amperometric glucose biosensor based on a surface treated nanoporous ZrO_2 /Chitosan composite film as immobilization matrix 213
- Yao, X.-J., see Liu, H.-X. 31
- Yu, R., see Yang, Y. 213
- Zhang, H., see Tang, B. 305
- Zhang, P., see Shen, D. 205
- Zhang, R.-S., see Liu, H.-X. 31
- Zhang, Y., see Yang, R.H. 97
- Zougagh, M.
—, Redigolo, H., Ríos, A. and Valcárcel, M.
Screening and confirmation of PAHs in vegetable oil samples by use of supercritical fluid extraction in conjunction with liquid chromatography and fluorimetric detection 265



